

# Certificate of Analysis (COA)

Product Name: Selank

Lot No.: 3132030

Sequence: Thr-Lys-Pro-Arg-Pro-Gly-Pro

Modifications: C-terminal amidation

Storage Conditions: -20°C, Routine Storage: 2–8°C. Protect from light and moisture.  
After reconstitution, store at 2–8°C and avoid repeated freeze–thaw cycles. Use under aseptic handling conditions.

Report Date: 15 July 2026

## Test Results

| Test Item                 | Specification                                          | Result      |
|---------------------------|--------------------------------------------------------|-------------|
| Appearance                | White to off-white lyophilized powder                  | Conforms    |
| Molecular Weight (MS)     | 751.9 ±1.0 Da                                          | 751.8 Da    |
| Purity (HPLC)             | >98%                                                   | 99.5%       |
| Retention Time (HPLC)     | +0.2 min of standard                                   | Conforms    |
| Related Substances (HPLC) | Individual impurity ≤0.50%;<br>Total impurities ≤2.00% | Conforms    |
| Solubility                | Freely Soluble in Water                                | Conforms    |
| Acetic Acid Content       | ≤ 5000 ppm                                             | 820 ppm     |
| TFA Content               | ≤ 50 ppm                                               | 7 ppm       |
| DCM Content               | ≤ 50 ppm                                               | N.D.        |
| DMF Content               | ≤ 100 ppm                                              | N.D.        |
| Total Aerobic Count       | ≤100 CFU/g                                             | <10 CFU/g   |
| Yeast & Molds Count       | ≤10 CFU/g                                              | <10 CFU/g   |
| Endotoxins                | ≤0.5 EU/mg                                             | <0.05 EU/mg |

|              |         |        |
|--------------|---------|--------|
| E. Coli      | Absent  | N.D.   |
| Salmonella   | Absent  | N.D.   |
| Heavy Metals | ≤10 ppm | <1 ppm |